



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1998

| Location | Date | Time<br>Local/<br>Standard | Path<br>Length<br>(Miles) | Path<br>Width<br>(Yards) | Number of<br>Persons<br>Killed | Number of<br>Persons<br>Injured | Estimated<br>Damage<br>Property | Estimated<br>Damage<br>Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### IOWA, Northeast

#### Allamakee County

##### Waukon

07 1525CST 0 0 20K Thunderstorm Wind (G52)

Law enforcement officials reported winds gusting to 60 mph, which downed trees and power lines.

#### Clayton County

##### Garnavillo

19 0120CST 0 0 50K Thunderstorm Wind (G70)

Winds gusting to 80 mph blew the topper off a pickup truck, tore a billboard in half and blew the porch off a house.

#### Howard County

##### Lime Spgs

20 1506CST 0 0 35K Hail (2.00)

#### Howard County

##### 2 S Lime Spgs

20 1508CST 0 0 15K 40K Hail (1.50)

#### Howard County

##### 3 E Lime Spgs

20 1510CST 0 0 30K 75K Hail (3.00)

#### Winneshiek County

##### 7 N Decorah

20 1532CST 0 0 25K Hail (1.75)

#### Allamakee County

##### 2 N Waukon

20 1550CST 0 0 20K 55K Hail (1.00)

#### Allamakee County

##### 2 N Waukon

20 1550CST 0 0 35K Thunderstorm Wind (G61)

Spotters and law enforcement officials reported hail ranging in size from golf balls to as large as baseballs along with 70 mph winds

### MINNESOTA, Southeast

#### Dodge County

##### 1 N Mantorville

18 2312CST 0 0 Thunderstorm Wind (G52)

#### Fillmore County

##### Spring Vly

18 2345CST 0 0 Thunderstorm Wind (G52)

Storm spotters reported 60 mph wind gusts, but no structural or crop damage was observed.

#### Olmsted County

##### Oronoco

20 1230CST 0 0 15K Thunderstorm Wind (G52)

#### Wabasha County

##### Zumbro Falls

20 1240CST 0 0 27K Thunderstorm Wind (G52)

#### Olmsted County

##### 2 W Potsdam

20 1245CST 0 0 12K Thunderstorm Wind (G52)

#### Winona County

##### Minnesota City

20 1310CST 0 0 18K Thunderstorm Wind (G52)

#### Winona County

##### Winona

20 1315CST 0 0 20K Thunderstorm Wind (G52)

#### Olmsted County

##### Predmore

20 1320CST 0 0 Thunderstorm Wind (G52)

#### Winona County

##### 1 W Winona

20 1338CST 0 0 15K 25K Thunderstorm Wind (G74)

#### Fillmore County

##### Harmony

20 1520CST 0 0 30K Hail (0.88)

Law enforcement and spotter groups reported winds gusts to 60 mph, with a gust to 85 mph on a ridgetop near Winona. Large trees and power lines were blown down.



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|---|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|-------------------------|
|   |      |                            |                           |                          | Killed               | Injured | Property            | Crops |                         |
| <b><u>WISCONSIN, Southwest</u></b>  |      |                            |                           |                          |                      |         |                     |       |                         |
| Crawford County<br>Seneca   | 19   | 0104CST                    |                           |                          | 0                    | 0       | 20K                 | 30K   | Thunderstorm Wind (G70) |
| Grant County<br>Bagley  | 19   | 0110CST                    |                           |                          | 0                    | 0       | 25K                 | 25K   | Thunderstorm Wind (G70) |
| Crawford County<br>5 N Ferryville   | 19   | 0120CST                    |                           |                          | 0                    | 0       | 8K                  |       | Thunderstorm Wind (G65) |
| Grant County<br>Fennimore   | 19   | 0130CST                    |                           |                          | 0                    | 0       | 28K                 | 20K   | Thunderstorm Wind (G67) |
| Grant County<br>Livingston  | 19   | 0130CST                    |                           |                          | 0                    | 0       | 30K                 | 35K   | Thunderstorm Wind (G65) |
| Grant County<br>Platteville   | 19   | 0130CST                    |                           |                          | 0                    | 0       | 35K                 | 40K   | Thunderstorm Wind (G70) |
| Richland County<br>Richland Center  | 19   | 0140CST                    |                           |                          | 0                    | 0       | 12K                 |       | Thunderstorm Wind (G62) |
| Law enforcement officials reported winds of 70 to 80 mph, knocking down trees, power lines and blowing the roof off of a house. |      |                            |                           |                          |                      |         |                     |       |                         |
| Trempealeau County<br>Galesville  | 20   | 1338CST                    |                           |                          | 0                    | 0       | 20K                 |       | Thunderstorm Wind (G53) |
| La Crosse County<br>West Salem  | 20   | 1400CST                    |                           |                          | 0                    | 0       | 14K                 |       | Thunderstorm Wind (G61) |
| Crawford County<br>Mt Sterling  | 20   | 1608CST                    |                           |                          | 0                    | 0       | 20K                 | 30K   | Hail (1.00)             |
| Crawford County<br>Mt Sterling  | 20   | 1608CST                    |                           |                          | 0                    | 0       | 25K                 | 35K   | Thunderstorm Wind (G54) |
| Crawford County<br>Mt Sterling  | 20   | 1609CST                    |                           |                          | 0                    | 0       | 50K                 | 60K   | Thunderstorm Wind (G66) |
| Crawford County<br>Mt Sterling  | 20   | 1610CST                    |                           |                          | 0                    | 0       | 80K                 | 50K   | Thunderstorm Wind (G80) |
| Crawford County<br>Mt Sterling  | 20   | 1611CST                    |                           |                          | 0                    | 0       | 25K                 | 40K   | Hail (1.00)             |
| Crawford County<br>Gays Mills   | 20   | 1617CST                    |                           |                          | 0                    | 0       | 45K                 | 60K   | Hail (1.75)             |
| Crawford County<br>Gays Mills   | 20   | 1617CST                    |                           |                          | 0                    | 0       | 90K                 | 30K   | Thunderstorm Wind (G62) |
| Vernon County<br>Readstown  | 20   | 1623CST                    |                           |                          | 0                    | 0       |                     | 15K   | Hail (0.75)             |
| Richland County<br>Boaz   | 20   | 1630CST                    |                           |                          | 0                    | 0       | 10K                 | 25K   | Thunderstorm Wind (G55) |
| Grant County<br>Bagley  | 20   | 1631CST                    |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (G52) |

60 to 70 mph winds, along with golf ball size hail were reported by spotters and law enforcement officials. Hardest hit was the Mt Sterling area where winds gusted to 92 mph, severely damaging the town's post office when a large power pole was knocked down. Crops were badly damaged as well due to hail the size of quarters and golf balls.